

## Electronic Acknowledgement Receipt

<b>EFS ID:</b>	3332539
<b>Application Number:</b>	10792317
<b>International Application Number:</b>	
<b>Confirmation Number:</b>	4391
<b>Title of Invention:</b>	CHANNEL ESTIMATOR ADOPTING MASKING
<b>First Named Inventor/Applicant Name:</b>	Jae Hyoung Kim
<b>Customer Number:</b>	35884
<b>Filer:</b>	Richard C. Salfelder/Andrea Costello
<b>Filer Authorized By:</b>	Richard C. Salfelder
<b>Attorney Docket Number:</b>	2080-3234
<b>Receipt Date:</b>	20-MAY-2008
<b>Filing Date:</b>	02-MAR-2004
<b>Time Stamp:</b>	18:41:33
<b>Application Type:</b>	Utility under 35 USC 111(a)

### Payment information:

Submitted with Payment	yes
Payment Type	Deposit Account
Payment was successfully received in RAM	\$ 1758
RAM confirmation Number	3083
Deposit Account	502290
Authorized User	

The Director of the USPTO is hereby authorized to charge indicated fees and credit any overpayment as follows:

Charge any Additional Fees required under 37 C.F.R. Section 1.16 (National application filing, search, and examination fees)

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## File Listing:

Document Number	Document Description	File Name	File Size(Bytes) /Message Digest	Multi Part /.zip	Pages (if appl.)
1		Transmittal-Issue-Fee-Part-B-2080-3234.pdf	198784 <small>3a3a44d8b9bf4e53ec719d1ed7a1021720303</small>	yes	3
<b>Multipart Description/PDF files in .zip description</b>					
	<b>Document Description</b>		<b>Start</b>		<b>End</b>
	Miscellaneous Incoming Letter		1		2
	Issue Fee Payment (PTO-85B)		3		3

### Warnings:

### Information:

2	Fee Worksheet (PTO-06)	fee-info.pdf	8443 <small>2296d345623d30a2b76e50631726105f2d675b94</small>	no	2
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### Warnings:

### Information:

<b>Total Files Size (in bytes):</b>	207227
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### New Applications Under 35 U.S.C. 111

If a new application is being filed and the application includes the necessary components for a filing date (see 37 CFR 1.53(b)-(d) and MPEP 506), a Filing Receipt (37 CFR 1.54) will be issued in due course and the date shown on this Acknowledgement Receipt will establish the filing date of the application.

### National Stage of an International Application under 35 U.S.C. 371

If a timely submission to enter the national stage of an international application is compliant with the conditions of 35 U.S.C. 371 and other applicable requirements a Form PCT/DO/EO/903 indicating acceptance of the application as a national stage submission under 35 U.S.C. 371 will be issued in addition to the Filing Receipt, in due course.

### New International Application Filed with the USPTO as a Receiving Office

If a new international application is being filed and the international application includes the necessary components for an international filing date (see PCT Article 11 and MPEP 1810), a Notification of the International Application Number and of the International Filing Date (Form PCT/RO/105) will be issued in due course, subject to prescriptions concerning national security, and the date shown on this Acknowledgement Receipt will establish the international filing date of the application.